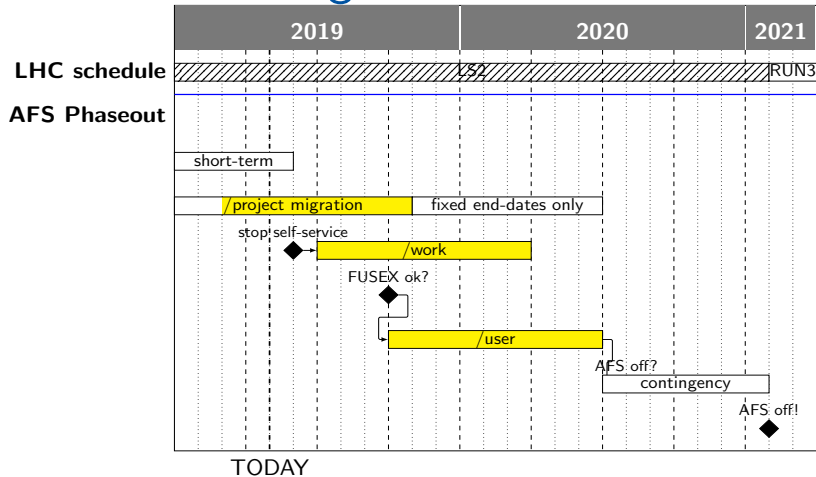


# AFS phaseout: status after 1Q2019

Jan Iven

# RECAP: Planning overview



# RECAP: “Short-term activity summary”

over the ~~next 2 months (Feb-Mar 2019)~~ past 3 months:

- dismantle `/afs/cern/sw/lcg` and `/afs/cern/sw/geant4`
  - phaseout plans agreed, starts Feb 2019
  - others to follow - **generic ITSSB entry**
- AFS project websites - create separate tracking tickets
- EOSPROJECT migration - also unblocks (some) AFS projects
- external disconnection test - April 2019 - 1 week (?)
- project scratch areas migration

All to be announced at **ITUM-26** (next Monday)

# Report: AFS 'external disconnection' test

- 1 week, starting Wed 2019-04-03 09:00
- no major things observed (per tickets to helpdesk):
  - “physik.uzh.ch” - possibly several (institute) machines affected
  - student 'testboard' machine at U Chicago
  - 3(?) personal machines (ATLAS, NA62, BE-ABP)
- in particular: nothing reported at experiment/coordinator level
- Conclusion: no major external dependencies on CERN AFS anymore

# April 2019 Status: general

- `/afs/cern.ch/sw/lcg` inaccessible OTG0047749
  - 47 ticket so far..
  - still several exceptions
- `/afs/cern/sw/geant4` - not started, waiting for OK
- volume cleanup campaigns OTG0048727
  - mounted-but-missing: removed.
  - mounted "backup" volumes: warned and/or removed.
  - non-CERN volumes: contacted + removed.
  - Volumes mounted in the "wrong" location: not started
- "Dashboard"

# April 2019 Status: project areas

- goal: remove (most) projects before 4Q2019
  - partially blocked: need EOSPROJECT instances
- (but ongoing: January: 382 ↘ 369 April)
- split out AFS websites (iff many) into JIRA sub-tasks: done
- scripted AFS volume → CASTOR flow
  - using “ALFA” as test case
  - slow (3MB/s ?), but can parallelize (8 nodes)..

## April 2019 Status: scratch spaces

experiment	status	in flight	left to go
ATLAS	running	16+200	1010
ALICE	running	27	0
CMS	testing	7	1256
LHCb	testing	7	42
COMPASS	testing	14	144
OPAL	testing	12	130
rest	no started		286

- will go by bunches of 200 for above

# Status: work areas

- goal: stop self-service in 2Q2019, start migration in 3Q2019
- blocked: needs CONDOR to work with EOS - initial tests looks now OK but needs EOSHOME server update.
- FUSEX (on EOSHOME) - seems to work OK, no major outstanding issue.
- known “pain points”:
  - configuration on non-puppet hosts
  - “eosfusebind” still required, only configured for SSH (EOSUSER/EOSHOME migration not over yet)



# Planning: user areas

- goal: start in 4Q2019
- (i.e not started)
- have testing environment
- Note: DFS migration (for IT) [OTG0046880](#) split “Desktop” directory per-OS, keep common “Documents” (and “Music”, “Pictures” etc)